Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022570.D
Acq On : 07 Sep 2019 02:05
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 07 02:56:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 06 23:41:25 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Manual Integrations APPROVED
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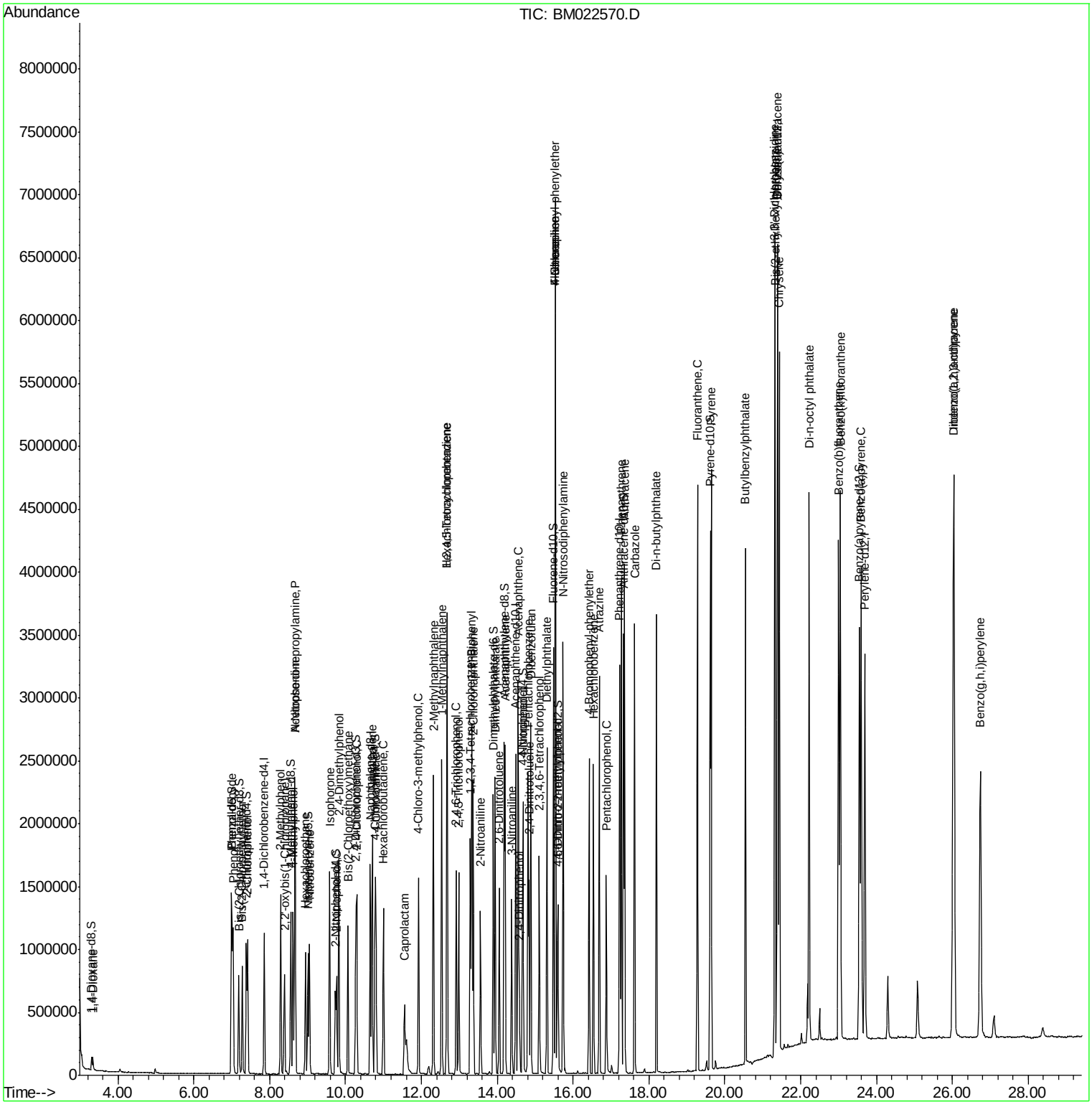

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	291057	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1353166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	854620	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1748508	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1826328	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	2099416	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	55284	7.91	ng/uL	0.00
5) Phenol-d5	7.01	99	587181	21.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	350752	22.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	458668	21.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	476277	21.82	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	218914	22.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	198248	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	463827	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	682687	22.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1437708	20.76	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	1847602	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	272168	23.01	ng/ul	0.00
58) Fluorene-d10	15.48	176	1220535	21.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	175327	22.06	ng/ul	0.00
71) Anthracene-d10	17.33	188	1933229	21.58	ng/ul	0.00
79) Pyrene-d10	19.62	212	2086760	20.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	2266038	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	54363	7.735	ng/uL#	91
4) Benzaldehyde	6.99	77	390877	27.880	ng/ul	97
6) Phenol	7.04	94	600773	21.415	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	457155	21.455	ng/ul	99
10) 2-Chlorophenol	7.42	128	466958	20.949	ng/ul	98
11) 2-Methylphenol	8.29	108	458341	20.934	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	715777	22.841	ng/ul	99
14) Acetophenone	8.67	105	747919	21.958	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.66	70	394367	21.435	ng/ul	98
16) 4-Methylphenol	8.62	108	500595	21.175	ng/ul	97
17) Hexachloroethane	8.95	117	185558	21.014	ng/ul	98
20) Nitrobenzene	9.05	77	549470	22.496	ng/ul	100
21) Isophorone	9.58	82	1095888	20.023	ng/ul	100
23) 2-Nitrophenol	9.76	139	233909	21.892	ng/ul	96
24) 2,4-Dimethylphenol	9.82	107	547405	20.434	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.06	93	667184	20.790	ng/ul	100
27) 2,4-Dichlorophenol	10.29	162	453623	20.102	ng/ul	98
28) Naphthalene	10.70	128	1549595	20.655	ng/ul	99
30) 4-Chloroaniline	10.80	127	677619	21.849	ng/ul	99
31) Hexachlorobutadiene	11.00	225	263940	18.986	ng/ul	98
32) Caprolactam	11.56	113	209230m	24.909	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	510276	20.492	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	1147076	20.294	ng/ul	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	1126567	20.861 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	547771	19.865 ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	561123	33.009 ng/ul	99
39) 2,4,6-Trichlorophenol	12.92	196	345691	20.027 ng/ul	99
40) 2,4,5-Trichlorophenol	12.99	196	381044	20.356 ng/ul	99
41) 1,1'-Biphenyl	13.33	154	1446691	20.328 ng/ul	100
42) 2-Chloronaphthalene	13.36	162	1127096	20.919 ng/ul	99
43) 2-Nitroaniline	13.56	65	322921	25.670 ng/ul	98
45) Dimethylphthalate	13.94	163	1445711	20.566 ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	276138	24.128 ng/ul	97
48) Acenaphthylene	14.21	152	1726626	20.074 ng/ul	100
49) 3-Nitroaniline	14.38	138	313404	25.254 ng/ul#	98
50) Acenaphthene	14.55	153	1238402	20.779 ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	126016	24.003 ng/ul#	82
53) 4-Nitrophenol	14.68	109	290126	30.525 ng/ul	94
54) Dibenzofuran	14.89	168	1695592	20.500 ng/ul	98
55) 2,4-Dinitrotoluene	14.84	165	409006	24.397 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.11	232	310431	19.964 ng/ul	97
57) Diethylphthalate	15.31	149	1475785	20.292 ng/ul	99
59) Fluorene	15.53	166	1438043	21.132 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	695302	20.646 ng/ul	99
61) 4-Nitroaniline	15.54	138	349700	24.728 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.60	198	189883	20.648 ng/ul	99
65) N-Nitrosodiphenylamine	15.74	169	1235363	20.704 ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	430215	19.693 ng/ul	98
67) Hexachlorobenzene	16.54	284	487084	20.232 ng/ul	99
68) Atrazine	16.69	200	528523	23.041 ng/ul	99
69) Pentachlorophenol	16.87	266	252368	18.999 ng/ul	98
70) Phenanthrene	17.27	178	2250613	21.022 ng/ul	99
72) Anthracene	17.36	178	2319329	21.090 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	534883	19.650 ng/uL	99
74) Pentachlorobenzene	14.81	250	562777	20.509 ng/uL	99
75) Carbazole	17.62	167	2113493	21.382 ng/ul	100
76) Di-n-butylphthalate	18.20	149	2517419	20.110 ng/ul	100
77) Fluoranthene	19.28	202	2634104	21.680 ng/ul	98
80) Pyrene	19.64	202	2712505	20.523 ng/ul	97
81) Butylbenzylphthalate	20.54	149	1105277	19.834 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.32	252	953753	20.535 ng/ul	98
83) Benzo(a)anthracene	21.39	228	2781596	20.531 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	1722709	20.372 ng/ul	99
85) Chrysene	21.44	228	2578751	20.684 ng/ul	99
87) Di-n-octyl phthalate	22.22	149	2797406	18.613 ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	2867930	20.764 ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	2726189	20.311 ng/ul	100
91) Benzo(a)pyrene	23.59	252	2730694	20.721 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.03	276	3267768	21.464 ng/ul	97
93) Dibenzo(a,h)anthracene	26.04	278	2726192	21.519 ng/ul	100
94) Benzo(g,h,i)perylene	26.74	276	2617319	20.928 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed